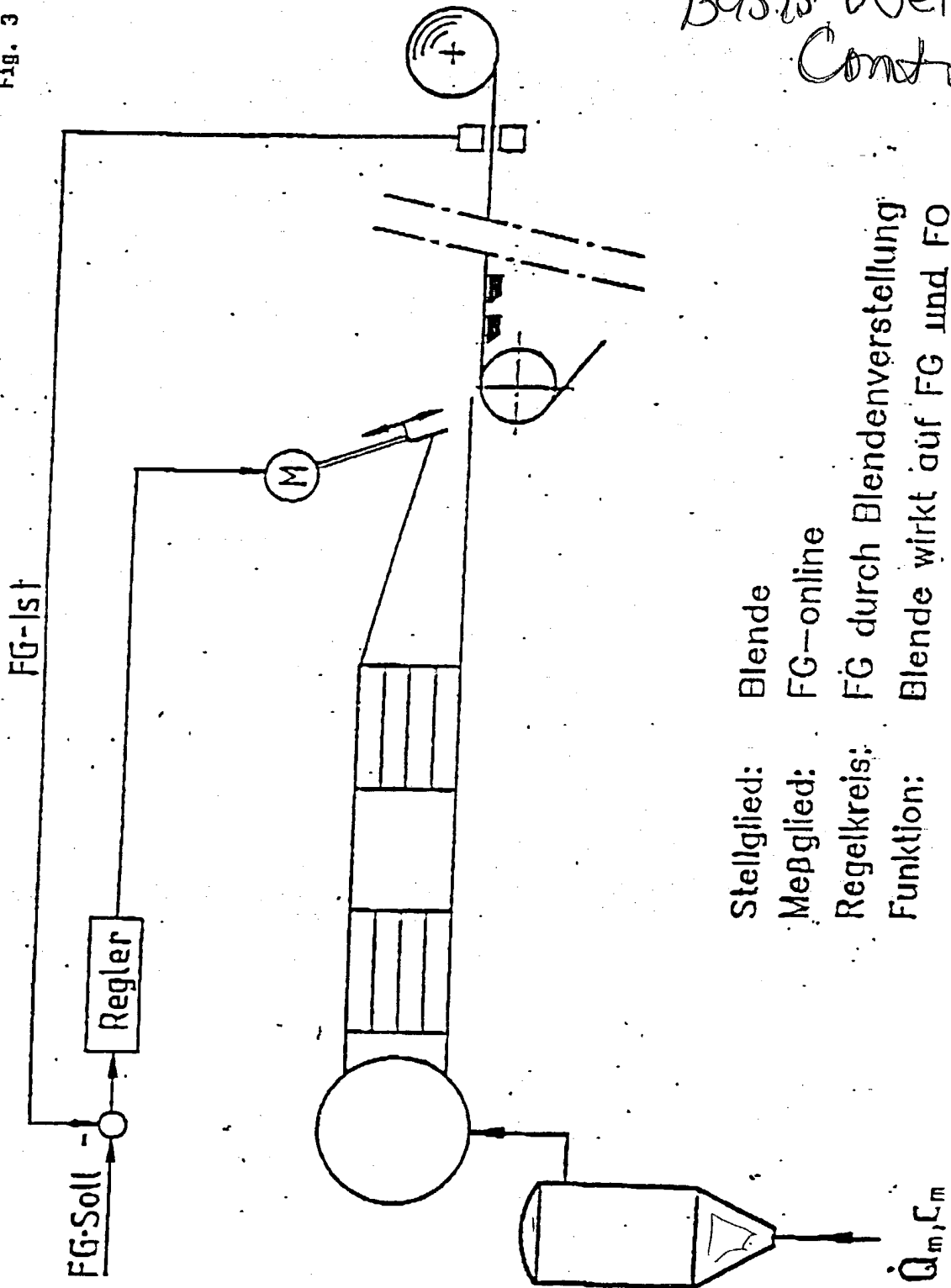


Basic Weight Control

Fig. 3



Stellglied: Blende
 Meßglied: FG-online
 Regelkreis: FG durch Blendenverstellung
 Funktion: Blende wirkt auf FG und FO

Fig. 1

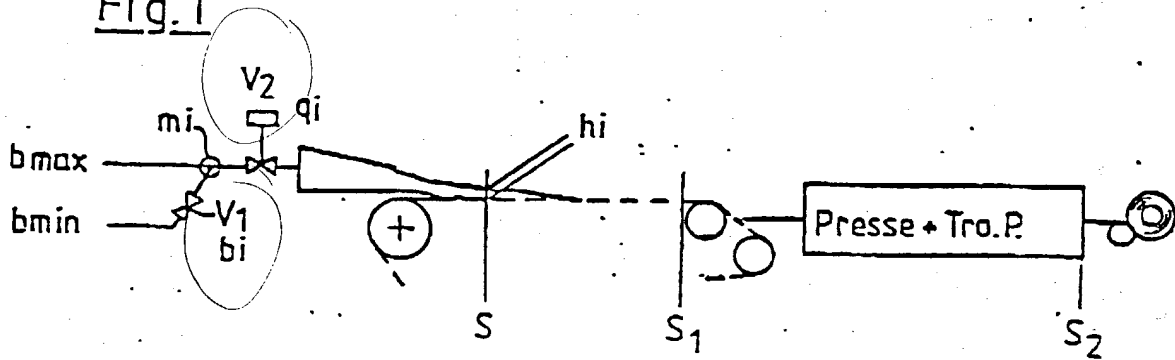
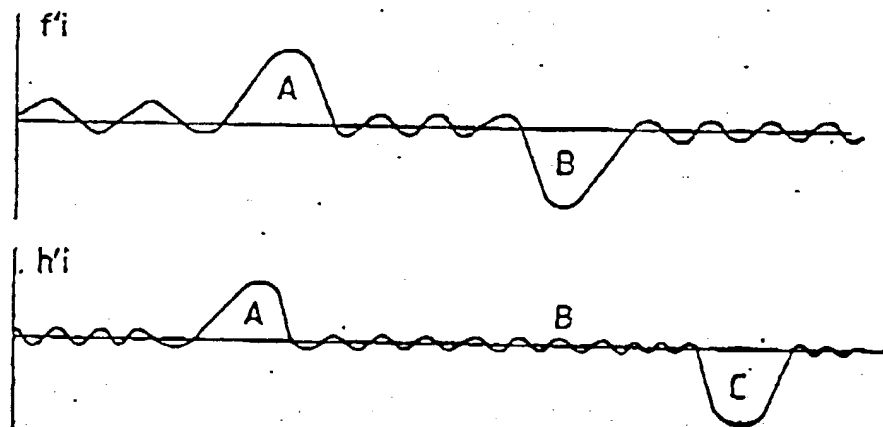


Fig. 2



The diagram illustrates a closed-loop control system for a steam engine. The process begins with a 'Regler' (controller) block, which receives a setpoint 'FG-Soll' and a feedback signal 'FG-Ist'. The controller's output drives a motor 'M', which is mechanically coupled to the engine's throttle valve. The engine itself is represented by a cylinder with a piston and a valve mechanism. The engine's output is connected to a steam turbine 'TS', which is further connected to a generator 'G'. The generator's output is fed back to the 'Regler' block, completing the control loop. The diagram also shows a pressure sensor 'P' connected to the engine's steam line, providing a feedback signal to the controller.

seitliche Einspeisung wirkt an Rändern auf FO (und FO)

